

1 **BACKGROUND OF THE INVENTION**

2
3
4 **CROSS-REFERENCE TO RELATED APPLICATIONS**

5
6 This application is a divisional of patent application Serial No. 09/049,360 filed March
7 27, 1998.
8
9

10 **FIELD OF THE INVENTION**

11
12 The field of this invention is generally target fuzing and specifically air-target fuzing,
13 although many types of surface targets can be served, too. The invention also relates
14 to the fields of: (1) Air-Targets-Aircraft, Helos, Missiles, RV's and RPV's; (2) Wide-
15 Angle, Body-Fixed, and Passive Imaging-Infrared Sensing and Target Detection
16 Devices; (3) Skewed-Cone Fuzing with Aim-Point Selection and Directional-Warhead
17 aiming; and (4) Non-Spinning or Slowly-Spinning weapons.
18
19

20 **PRIOR ART**

21
22 The first anti-aircraft projectile proximity fuze, a radio-frequency-field motion detector,
23 was developed in 1942. It provided very crude target location, literally proximity, based
24 on signal amplitude, and detonated a nearly-omni-directional blast-fragment warhead.
25